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PATENT

ABSTRACT

Compositions and methods are provided for the nucleic acid mimic determination of nucleic acids. The compositions and methods may be used in the diagnosis and
5 treatment of diseases amenable through modulation of nucleic acids which encode proteins that are implicated in disease states. In accordance with preferred embodiments, mimics are comprised of non-naturally occurring backbones to which are appended modified heterocyclic bases. Such bases
10 preferably have sterically bulky substituents 1, 2, or 3 atoms removed from the sites of attachment to the backbone.

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